

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 04051462
PUBLICATION DATE : 19-02-92

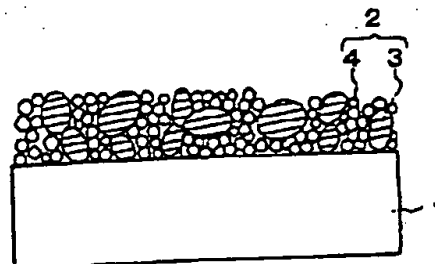
APPLICATION DATE : 18-06-90
APPLICATION NUMBER : 02160215

APPLICANT : YUASA CORP;

INVENTOR : OKUYAMA RYOICHI;

INT.CL. : H01M 4/88

TITLE : MANUFACTURE OF ELECTRODE



ABSTRACT : **PURPOSE:** To accomplish a fuel cell with stable quality at a low cost by forming a paste from a powder of metal or metal oxide, extra-fine particles of zol-state oxidated substance, and an organic solvent, applying this paste to the surface of electrolyte consisting of stabilized zirconia, and subjecting it to baking process.

CONSTITUTION: A paste consisting of a powder 3 of metal or metal oxide, extra-fine particles of zol-state oxidated substance, and organic solvent is applied to the surface of an electrolyte 1 consisting of stabilized zirconia, followed by baking. Examples of the metal are Ni, Co, Fe, Pt, Cr, Ag, and an alloy or combination thereof. Examples of oxidated substance are yttria-stabilized zirconia, Ca-stabilized zirconia, Zr oxide, alumina, magnesia, and a mixture thereof.

COPYRIGHT: (C)1992,JPO&Japio